Multi-CD/DAB control High power CD player
with FM/AM tuner

Reproductor de CD de alta potencia con control
de múltiples CD/DAB con sintonizador FM/AM

SUPER TUNER III

Operation Manual

DEH-P8250

Manual de Operación

Pioneer

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Published by Pioneer Corporation.
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Printed in Thailand
Imprimé en Thaïlande

<99K00T0T01>

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<CRD3164-A/N> ES

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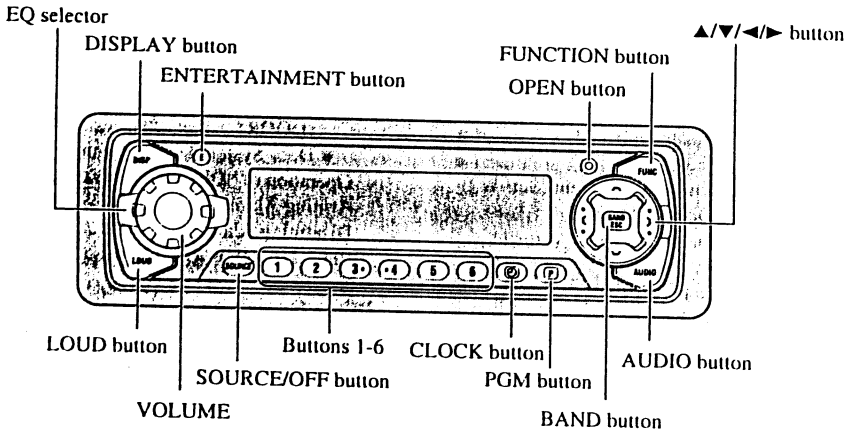
ENGLISH

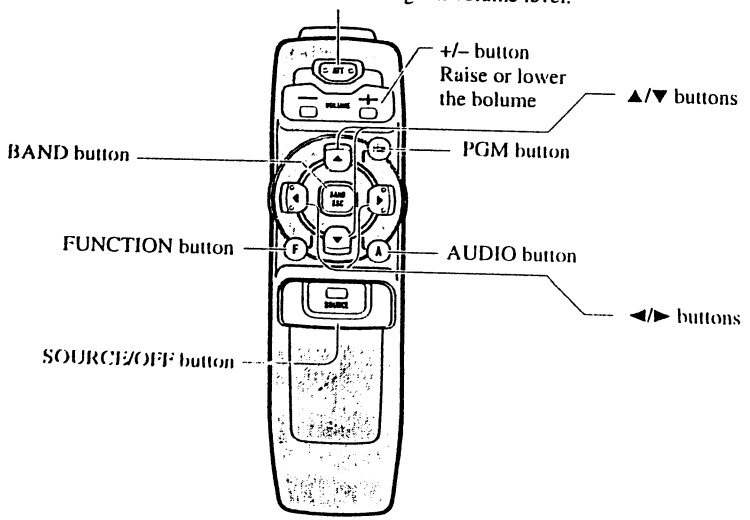
Key Finder

Head Unit



Remote Controller

A remote controller that enables remote operation of the head unit is supplied. Operation is the same as when using buttons on the head unit.



Before Using This Product

About This Manual

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.
We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the "Precaution" on the next page and in other sections.
This manual explains head unit operation. You can perform the same operations with the remote controller. The remote controller offers the convenience of ATT, a function not provided on the head unit.

About the Demo Mode

This product features two demonstration modes. One is the Reverse Demo mode, the other is the Feature Demo mode.

Reverse Demo

If you do not perform an operation within about 30 seconds, screen indications start to reverse, and then continue reversing every 10 seconds. Pressing button 5 when power to this product is switched OFF while the ignition switch is set to ACC or ON cancels the Reverse Demo mode. Pressing button 5 again to start the Reverse Mode.

Feature Demo

The Feature Demo automatically starts when power to this product is switched OFF while the ignition switch is set to ACC or ON. Pressing button 6 during Feature Demo operation cancels the Feature Demo mode. Pressing button 6 again to start the Feature Mode.
Remember that if the Feature Demo continues operating when the car engine is switched OFF, it may drain battery power.

Note:

- You cannot cancel a Demo mode when the front panel is open.
- The red lead (ACC) of this product should be connected to a terminal coupled with ignition switch ON/OFF operations. If this is not done, the vehicle battery may be drained.

Precaution

CAUTION: USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough for outside sounds to be audible.
- Protect the product from moisture.
- If the battery is disconnected, the preset memory will be erased and must be reprogrammed.
- Should this product fail to operate properly, contact your dealer or nearest authorized Pioneer Service Station.

When using the 50-Disc Type Multi-CD Player

The available functions of the 50-Disc Type Multi-CD Player are described in this Operation Manual. Note that other 50-Disc Type Multi-CD Player functions cannnot be used with this product.

Using the Remote Controller

This product is equipped with a remote controller for convenient operation.

- Point the controller in the direction of the front panel to operate.
- When the controller is not in use, attach it firmly to the provided Mounting base.

Precaution:

- Do not store the remote controller in high temperatures or direct sunlight.
- The controller may not function properly in direct sunlight.
- Do not let the remote controller fall onto the floor, where it may become jammed under the brake or accelerator pedal.

Switching the Mode

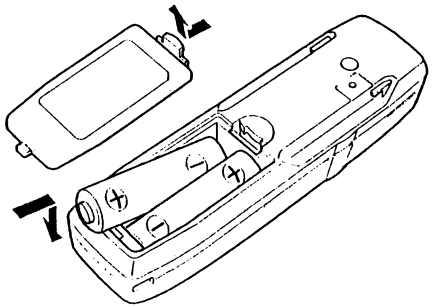
When the head unit is connected to a DSP, change the remote controller setting. While pressing the BAND button, press the FUNCTION button on the remote controller to change to the ADD ON DSP mode. To return to the previous mode, press the AUDIO button while pressing the BAND button on the remote controller.

Precaution:

- If you do not connect a DSP to the head unit, do not switch to the ADD ON DSP mode. If you do, correct operation will not be possible.
- Reset the remote controller when you change batteries.

Batteries

- **Remove the cover on the back of the remote controller and insert the batteries with the (+) and (–) poles pointing in the proper direction.**



Precaution:

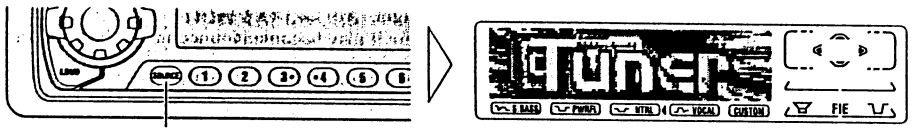
- Use only AAA or IEC R03 1.5 V batteries.
- Remove the batteries if the remote controller is not used for a month or longer.
- Do not attempt to recharge the supplied batteries.
- Do not mix new and used batteries.
- If the event of battery leakage, wipe the remote controller completely clean and install new batteries.

To Listen to Music

The following explains the initial operations required before you can listen to music.

Note:
- Loading a disc in this product. (Refer to page 9.)

1. Select the desired source. (e.g. Tuner)

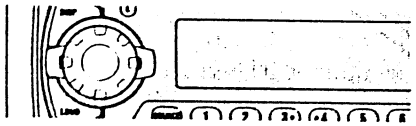


Each press changes the Source ...

Each press of the SOURCE/OFF button selects the desired source in the following order:
Built-in CD player → TV → Tuner → DAB (Digital Audio Broadcasting) Tuner → Multi-CD player → External Unit 1 → External Unit 2 → AUX → Telephone standby

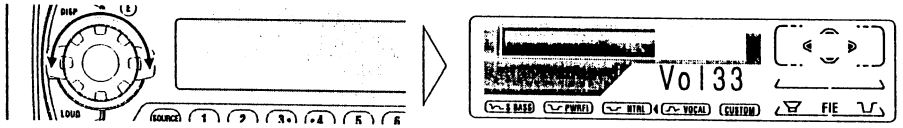
Note:
- External Unit refers to a Pioneer product (such as one available in the future) that, although incompatible as a source, enables control of basic functions by this product. Two External Units can be controlled by this product, although "External" is displayed whether you select External Unit 1 or External Unit 2. When two External Units are connected, the allocation of them to External Unit 1 or External Unit 2 is automatically set by this product.
- In the following cases, the sound source will not change:
  * When a product corresponding to each source is not connected to this product.
  * When no disc is set in this product.
  * When no magazine is set in the Multi-CD player.
  * When the AUX (external input) is set to OFF. (Refer to page 39.)
  * When the Telephone standby is set to OFF. (Refer to page 42.)
- When this product's blue/white lead is connected to the car's Auto-antenna relay control terminal, the car's Auto-antenna extends when this product's source is switched ON. To retract the antenna, switch the source OFF.

2. Extend the VOLUME forward.



When you press the VOLUME, it extends forward so that it becomes easier to roll. To retract the VOLUME, press it again.

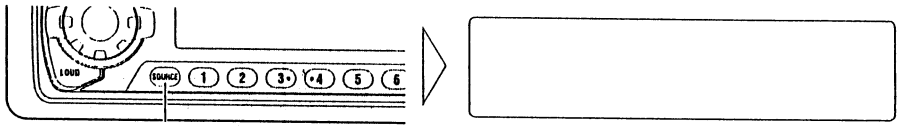
3. Raise or lower the volume.



Rolling the VOLUME changes the volume level.

Note:
- Roll clockwise to raise the volume level.
- Roll counterclockwise to lower the volume level.

4. Turn the source OFF.



Hold for 1 second

Basic Operation of Built-in CD Player

Note:
- Be sure to close the front panel after loading or ejecting a disc.

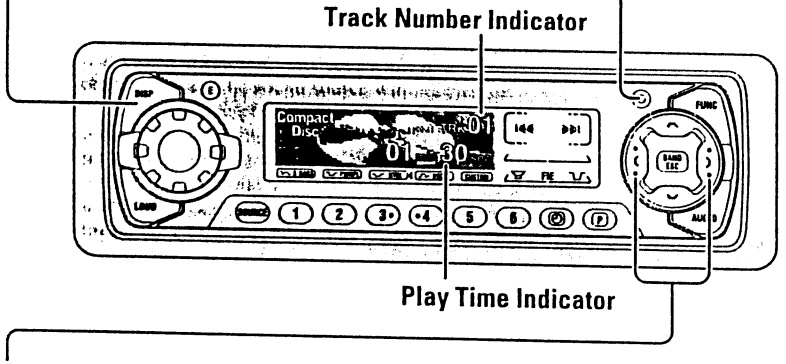
Switching the Display

Each press of the DISPLAY button changes the display in the following order:
Playback mode A (Play time) → Disc Title → Playback mode B (Play Time)

Note:
- If you switch displays when disc titles have not been input, "NO TITLE" is displayed.
- When playing a CD TEXT disc, refer to "Title Display Switching" and "Title Scroll" on page 27.

Open

Note:
- Use to open the front panel when loading or ejecting a CD. (The illustration on the right shows the front panel open.)



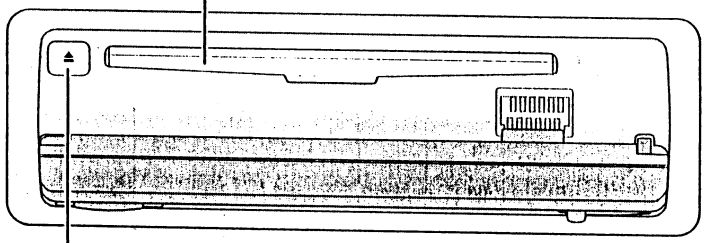
Track Search and Fast Forward/Reverse

- **You can select between Track Search or Fast Forward/Reverse by pressing the ◄/► button for a different length of time.**

Track Search	0.5 seconds or less
Fast Forward/Reverse	Continue pressing

Disc Loading Slot

Note:
- The Built-in CD player plays one standard 12 cm or 8 cm (single) CD at a time. Do not use an adapter when playing 8 cm CD.



Precaution:
- To avoid a malfunction, make sure that no metal object comes into contact with the terminals when the front panel is open.

Note:
- The CD function can be turned ON/OFF with the disc remaining in this product. (Refer to page 7.)
- A disc left partially inserted after ejection may incur damage or fall out.

Note:
- If a disc cannot be inserted fully or playback fails, make sure the recorded side is down. Press the EJECT button and check the disc for damage before reinserting it.
- If the Built-in CD player cannot operate properly, an error message (such as "ERROR-14") appears on the display. Refer to "Built-in CD Player's Error Message" on page 51.
- A CD TEXT disc is a CD featuring recorded text information such as Disc Title, Artist Name and Track Title.

Basic Operation of Tuner

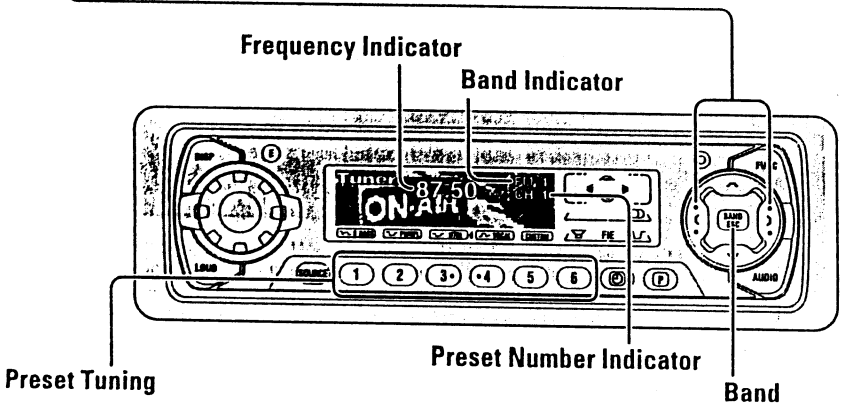
Reset the AM tuning step from 9 kHz (the factory preset step) to 10 kHz when using the tuner in North, Central or South America. (Refer to page 39.)

Manual and Seek Tuning

- **You can select the tuning method by changing the length of time you press the ◄/► button.**

Manual Tuning (step by step)	0.5 seconds or less
Seek Tuning	0.5 seconds or more

Note:
- If you continue pressing the button for longer than 0.5 seconds, you can skip broadcasting stations. Seek Tuning starts as soon as you release the button.
- Stereo indicator "(ST)" lights when a stereo station is selected.



FM 1 → FM 2 → FM 3 → AM

- **You can memorize broadcast stations in buttons 1 through 6 for easy, one-touch station recall.**

Preset station recall	2 seconds or less
Broadcast station preset memory	2 seconds or more

Note:
- Up to 18 FM stations (6 in FM 1, FM 2 and FM 3) and 6 AM stations can be stored in memory.
- You can also use the ▲ or ▼ buttons to recall broadcast stations memorized in buttons 1 through 6.

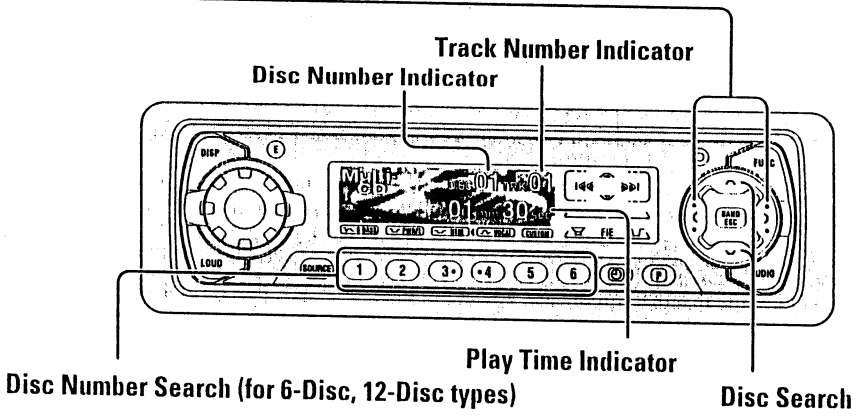
Basic Operation of Multi-CD Player

This product can control a Multi-CD player (sold separately).

Track Search and Fast Forward/Reverse

- **You can select between Track Search or Fast Forward/Reverse by pressing the ◄/► button for a different length of time.**

Track Search	0.5 seconds or less
Fast Forward/Reverse	Continue pressing



- **You can select discs directly with the 1 to 6 buttons. Just press the number corresponding to the disc you want to listen to.**

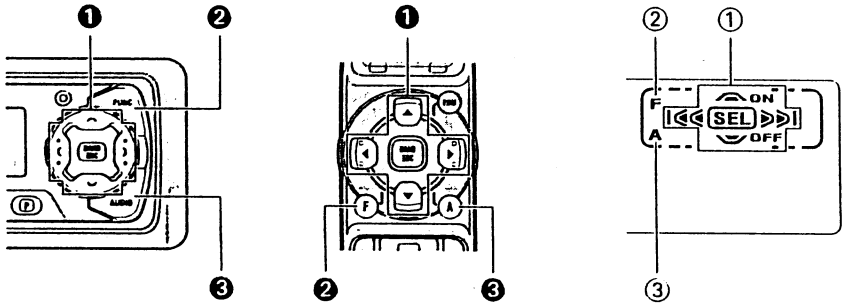
Note:
- When a 12-Disc Multi-CD Player is connected and you want to select disc 7 to 12, press the 1 to 6 buttons for 2 seconds or longer.

Note:
- The Multi-CD player may perform a preparatory operation, such as verifying the presence of a disc or reading disc information, when the power is turned ON or a new disc is selected for playback. "Ready" is displayed.
- If the Multi-CD player cannot operate properly, an error message such as "ERROR-14" is displayed. Refer to the Multi-CD player owner's manual.
- If there are no discs in the Multi-CD player magazine, "NO DISC" is displayed.

Corresponding Display Indications and Buttons

This product's display features Key Guidance Indicators. These light to indicate which of the ▲/▼/◄/►, FUNCTION and AUDIO buttons you can use. When you're in the Function Menu (refer to next section), Detailed Setting Menu (refer to page 15), Initial Setting Menu (refer to page 37) or Audio Menu (refer to page 28), they also make it easy to see which ▲/▼/◄/► buttons you can use to switch functions ON/OFF, switch repeat selections and perform other operations.
Indicator and corresponding buttons are shown below.

■ Head Unit ■ Remote Controller ■ Display



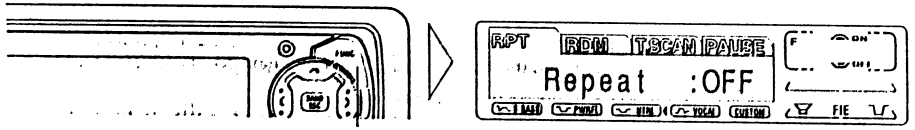
When ① is lit in the display, perform appropriate operations with the ❶ buttons.
When ② is lit in the display, it indicates that you are in the Function Menu, Detailed Setting Menu or Initial Setting Menu. You can switch between each of these menus and between different modes in the menus using button ❷ on the head unit or remote controller.
When ③ is lit in the display, it indicates you are in the Audio Menu. You can switch between modes in the Audio Menu using button ❸ on the head unit or remote controller.

Entering the Function Menu

The Function Menu lets you operate simple functions for each source.

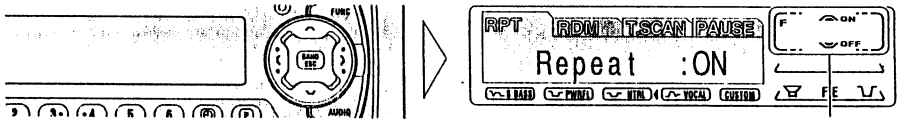
Note:
- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

1. **Select the desired mode in the Function Menu. (Refer to next section, "Function Menu Functions".)**



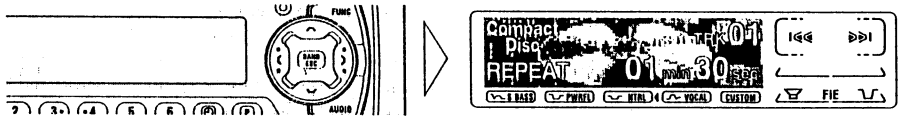
Each press changes the Mode ...

2. **Operate a mode. (e.g. Repeat Play)**



The button used and the operation it performs are indicated by the key guidance indicator. Press the ▲ button to switch the key guidance indicator ON, and the ▼ button to switch it OFF.

3. **Cancel the Function Menu.**



Function Menu Functions

The following chart shows functions for each source in the Function Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button: Operation	Page
Best Stations Memory (BSM)	▲: ON ▼: OFF	17
Local Seek Tuning (LOCAL)	1 ▲: ON ▼: OFF 2 ◄ or ►: Select (Sensitivity)	17

■ Built-in CD Player

Function name (Display)	Button : Operation	Page
Repeat Play (RPT)	▲:ON ▼:OFF	18
Random Play (RDM)	▲:ON ▼:OFF	18
Scan Play (T.SCAN)	▲:ON ▼:OFF	19
Pause (PAUSE)	▲:ON ▼:OFF	19

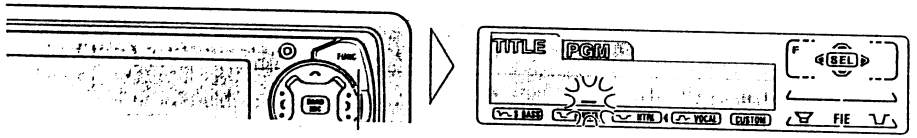
■ Multi-CD Player

Function name (Display)	Button: Operation	Page
Repeat Play (PMODE)	◄ or ►: Select (Play range)	20
Selecting Discs by Disc Title List (T.LIST)	1 ◄ or ►: Select (Disc Title) 2 ▲: Play	25
Random Play (RDM)	▲: ON ▼: OFF	20
Scan Play (SCAN)	▲: ON ▼: OFF	21
ITS Play (ITS-P)	▲: ON ▼: OFF	22
Pause (PAUSE)	▲: ON ▼: OFF	21
Compression and DBE (COMP)	▲ or ▼: Select (Sound Quality Function)	26

Entering the Detailed Setting Menu

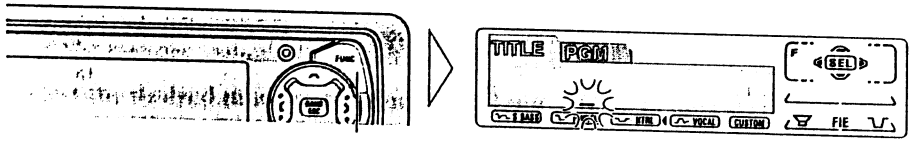
In the Detailed Setting Menu, you can operate convenient, complex functions for each source.

1. **Enter the Detailed Setting Menu.**



Hold for 2 seconds

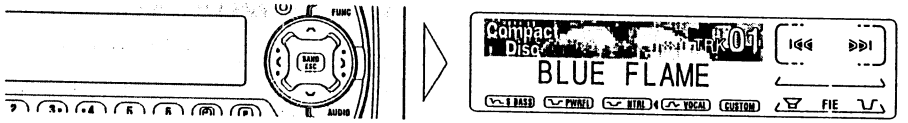
2. **Select the desired mode. (Refer to next section, "Detailed Setting Menu Functions".)**



Each press changes the Mode ...

3. **Operate a mode.**

4. **Cancel the Detailed Setting Menu.**



Note:

- You can cancel the Detailed Setting Menu by pressing the FUNCTION button again for 2 seconds.

Detailed Setting Menu Functions

The following chart shows functions for each source in the Detailed Setting Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button: Operation	Page
Program Function (PGM)	1 ◄ or ►: Select (Function) 2 ▲: Memory	48

■ Built-in CD Player

Function name (Display)	Button: Operation	Page
Disc Title Input (TITLE)	1 ▲ or ▼: Select (Letter) 2 ◄ or ►: Select (Position) 3 ►: Memory	19
Program Function (PGM)	1 ◄ or ►: Select (Function) 2 ▲: Memory	48

■ Multi-CD Player

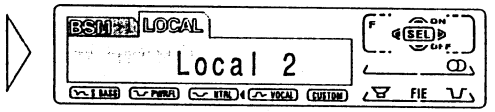
Function name (Display)	Button: Operation	Page
Disc Title Input (TITLE)	1 ▲ or ▼: Select (Letter) 2 ◄ or ►: Select (Position) 3 ►: Memory	24
ITS Programming (ITS)	▲: Memory	22
Program Function (PGM)	1 ◄ or ►: Select (Function) 2 ▲: Memory	48

Local Seek Tuning (LOCAL)

When Local is ON, you can only select broadcast stations providing strong reception.

1. **Press the FUNCTION button and select the Local mode (LOCAL) in the Function Menu.**

2. **Switch the Local ON/OFF with the ▲/▼ buttons.**



3. **Select the desired Local Seek sensitivity with the ◄/► buttons.**

FM : Local 1 ↔ Local 2 ↔ Local 3 ↔ Local 4
AM : Local 1 ↔ Local 2

Note:
- The Local 4 setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations.

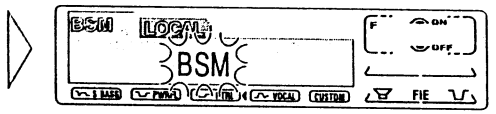
Best Stations Memory (BSM)

The BSM function stores stations in memory automatically.

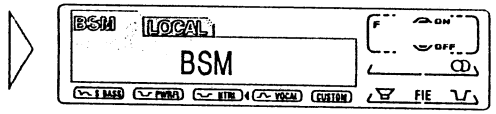
1. **Press the FUNCTION button and select the BSM mode (BSM) in the Function Menu.**

2. **Switch the BSM ON with the ▲ button.**

   The stations with the strongest signals will be stored under buttons 1–6 and in order of their signal strength.



- **To cancel the process, press the ▼ button in the Function Menu before memorization is complete.**

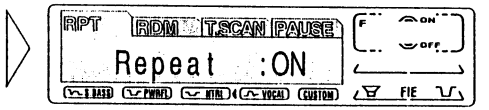


Repeat Play (RPT)

Repeat Play plays the same track repeatedly.

1. **Press the FUNCTION button and select the Repeat mode (RPT) in the Function Menu.**

2. **Switch the Repeat Play ON/OFF with the ▲/▼ buttons.**



Note:
- If you perform Track Search or Fast Forward/Reverse, Repeat Play is automatically canceled.

Random Play (RDM)

Random Play plays the tracks on a CD in random order for variety.

1. **Press the FUNCTION button and select the Random mode (RDM) in the Function Menu.**

2. **Switch the Random Play ON/OFF with the ▲/▼ buttons.**

Scan Play (T.SCAN)

Scan Play plays the first 10 seconds or so of each track on a CD in succession.

1. **Press the FUNCTION button and select the Scan mode (T.SCAN) in the Function Menu.**
2. **Switch the Scan Play ON with the ▲ button.**

3. **When you find the desired track, cancel the Scan Play with the ▼ button.**

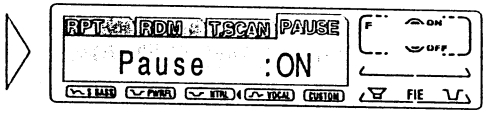
If the Function Menu has been canceled automatically, select the Scan mode in the Function Menu again.

Note:
- Scan Play is canceled automatically after all the tracks on a disc have been scanned.

Pause (PAUSE)

Pause pauses the currently playing track.

1. **Press the FUNCTION button and select the Pause mode (PAUSE) in the Function Menu.**
2. **Switch the Pause ON/OFF with the ▲/▼ buttons.**



Disc Title Input (TITLE)

You can use "TITLE" to input up to 48 disc titles for CDs in the Built-in CD player. (Perform the same operation as (described) on page 24 under "Using Multi-CD Players".)

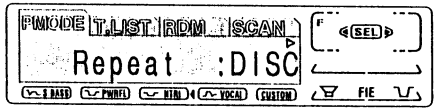
Note:
- After the title for 48 discs have been entered, data for a new disc will overwrite the oldest one.
- If you connect a Multi-CD player, you can input disc titles for up to 100 discs.
- When playing a CD TEXT disc on this product, you cannot switch to this mode.

Repeat Play (PMODE)

There are three repeat play ranges: One-track Repeat, Disc Repeat and Multi-CD player Repeat. Default repeat play range is Multi-CD player Repeat.

1. **Press the FUNCTION button and select the Repeat mode (PMODE) in the Function Menu.**
2. **Select the desired repeat play range with the ◄/► buttons.**

Multi-CD player Repeat → One-track Repeat → Disc Repeat



Play range	Display
Multi-CD player Repeat	MCD
One-track Repeat	TRK
Disc Repeat	DISC

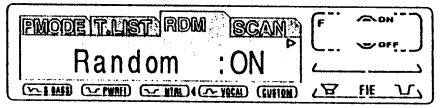
Note:
- If you select other discs during the repeat play, the repeat play range changes to Multi-CD player Repeat.
- If you perform Track Search or Fast Forward/Reverse during One-track Repeat, the repeat play range changes to Disc Repeat.

Random Play (RDM)

Tracks are played at random within the selected repeat play range as explained in "Repeat Play" above.

1. **Press the FUNCTION button and select the Random mode (RDM) in the Function Menu.**
2. **Switch the Random Play ON/OFF with the ▲/▼ buttons.**

After selecting the desired repeat play range from those referred to in "Repeat Play" above, switch Multi-CD Player Random Play ON.



Display	Play range
D.RANDOM	Disc Repeat
RANDOM	Multi-CD player Repeat

Note:
- One-track Repeat changes to the Disc Repeat when you switch the Random Play ON.

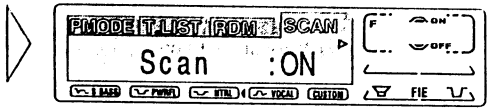
Scan Play (SCAN)

In the Disc Repeat, the beginning of each track on the selected disc is scanned for about 10 seconds. In the Multi-CD player Repeat, the beginning of the first track on each disc is scanned for about 10 seconds.

1. **Press the FUNCTION button and select the Scan mode (SCAN) in the Function Menu.**

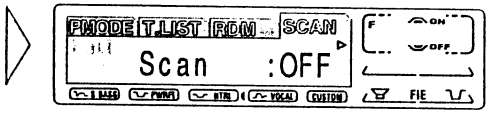
2. **Switch the Scan Play ON with the ▲ button.**

   After selecting the desired repeat play range from those referred to in "Repeat Play" on page 20, switch Multi-CD Player Scan Play ON.



3. **When you find the desired track (or disc), cancel the Scan Play with the ▼ button.**

   If the Function Menu has been canceled automatically, select the Scan mode in the Function Menu again.



Display	Play range
T.SCAN	Disc Repeat
D.SCAN	Multi-CD player Repeat

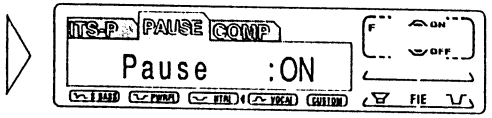
Note:
- Scan Play is canceled automatically after all the tracks or discs have been scanned.
- One-track Repeat changes to the Disc Repeat when you switch the Scan Play ON.

Pause (PAUSE)

Pause pauses the currently playing track.

1. **Press the FUNCTION button and select the Pause mode (PAUSE) in the Function Menu.**

2. **Switch the Pause ON/OFF with the ▲/▼ buttons.**



ITS (Instant Track Selection)

The ITS function allows you to search for the track you wish to play when a Multi-CD player is installed. You can use ITS to program automatic playback of up to 24 tracks per disc from up to 100 discs. (You can store ITS program and Disc Title data for up to 100 discs in memory.)

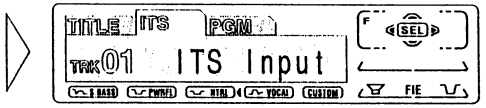
ITS Programming (ITS)

Programmed tracks are played within the selected repeat play range in the "Repeat Play" on page 20.

1. **Play the track you wish to program.**

2. **Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 15.)**

3. **Program the desired track with the ▲ button.**



Note:
- After 100 discs have been programmed, data for a new disc will overwrite the data for the disc that has not been played back for the longest time.

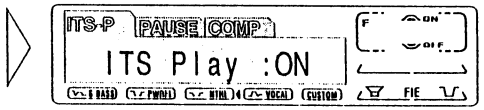
ITS Play (ITS-P)

ITS play of tracks is performed within the play range explained in the "Repeat Play" section.

1. **Press the FUNCTION button and select the ITS Play mode (ITS-P) in the Function Menu.**

2. **Switch the ITS Play ON/OFF with the ▲/▼ buttons.**

   After selecting the desired repeat play range from those referred to in "Repeat Play" on page 20, switch ITS Play ON.

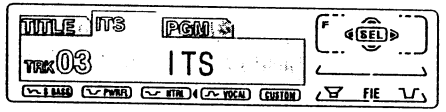


Note:
- If no track in the current range is programmed for ITS Play, "ITS Empty" is displayed.

Erase a Track Program

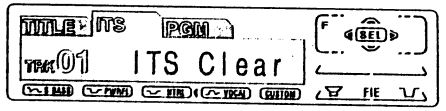
1. Select the track you wish to erase, during ITS Play.
2. Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 15.)
3. Erase the track program with the ▼ button.

   ITS is canceled and playback of the next ITS-programmed track begins. If there are no more programmed tracks in the current range, "ITS Empty" is displayed and normal play resumes.



Erase a Disc Program

1. Select the disc you wish to erase, while the disc is playing.
2. Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 15.)
3. Erase the disc program with the ▼ button.



Disc Title

Disc Title Input (TITLE)

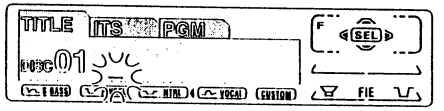
You can input Titles up to 10 letters long for up to 100 discs. Using this function lets you easily search for and select a desired disc for play. (You can store ITS program and Disc Title data for up to 100 discs in memory.)

1. Play the disc you wish to input the disc title.
2. Select the Disc Title Input mode (TITLE) in the Detailed Setting Menu. (Refer to page 15.)

Note:
- When playing a CD TEXT disc on a CD TEXT compatible Multi-CD player, you cannot switch to this mode.
- A CD TEXT disc is a CD featuring recorded text information such as Disc Title, Artist Name and Track Title.

3. Select the desired character type with button 1.

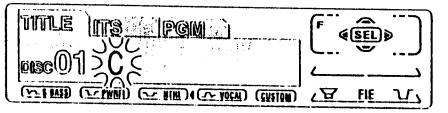
   Each press of button 1 changes the character type in the following order:
   Alphabet (Upper case), Numbers and Symbols → Alphabet (Lower case)



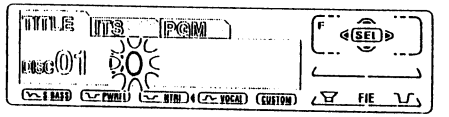
Note:
- You can select to input Numbers and Symbols by pressing button 2.

4. Select letters, numbers and symbols with the ▲/▼ buttons.

   To insert a space, select the flashing cursor "_".

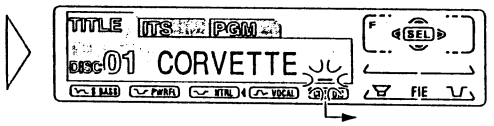


5. Move the box left and right with the ◄/► buttons.



Continued overleaf.

6. **When you have completed title input, make the 10th letter flash, then memorize by pressing the ► button.**



Note:
- Titles remain in memory, even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After the titles for 100 discs have been entered, data for a new disc will overwrite the data for the disc that has not been played back for the longest time.
- You can display the disc title of the disc currently playing. For details, refer to "Displaying Disc Title" on page 26.

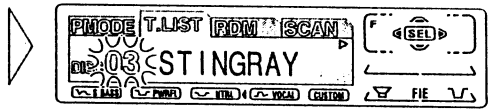
Selecting Discs by Disc Title List (T.LIST)

Follow the procedures below to play a disc for which you have input the title in a Multi-CD player or a CD TEXT disc on a CD TEXT compatible Multi-CD player.

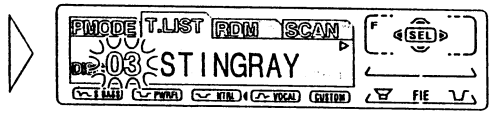
1. **Press the FUNCTION button and select the Disc Title List mode (T.LIST) in the Function Menu.**

2. **Select the desired disc title with the ◄/► buttons.**

   Nothing is displayed for disc whose titles have not been input.



3. **Play the selected disc with the ▲ button.**



Displaying Disc Title

You can display the currently playing Disc Title.

Note:
- You can also display the currently playing Disc Title when playing a CD TEXT disc on a CD TEXT compatible Multi-CD player. (Refer to page 27.)

- **Switch the Disc Title Display with the DISPLAY button.**

  Each press of the DISPLAY button changes the display in the following order:
  Playback mode A (Play Time)
  → Disc Title
  → Playback mode B (Play Time)

Note:
- If you switch displays when disc titles have not been input, "NO TITLE" is displayed.

Compression and DBE (COMP)

Using the COMP (Compression) and DBE (Dynamic Bass Emphasis) functions enables Multi-CD player sound quality adjustment. Each of the functions enables two-step adjustment.

■ COMP

The COMP (Compression) function adjusts imbalances between loud and subdued sounds at higher volumes.

■ DBE

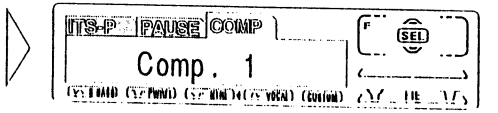
DBE (Dynamic Bass Emphasis) boosts bass levels to give a fuller sound.

COMP/DBE ON/OFF Switching

1. **Press the FUNCTION button and select the COMP/DBE switching mode (COMP) in the Function Menu.**

2. **Select the desired mode with the ▲/▼ buttons.**

   Comp. OFF → Comp. 1 → Comp. 2
   → Comp. OFF → DBE 1 → DBE 2



Note:
- You can use these functions with a Multi-CD player that has them. If the player does not feature the COMP/DBE functions, "No Comp." is displayed if you try to use them.

CD TEXT Function (for CD TEXT compatible type)

You can use these functions when playing a CD TEXT disc on a CD TEXT compatible Multi-CD player.

Title Display Switching

- **Select the desired title display with the DISPLAY button.**

  Each press of the DISPLAY button changes the display in the following order:
  Playback mode A (Play Time)
  → Disc Title → Disc Artist Name
  → Track Title → Track Artist Name
  → Playback mode B (Play Time)

Note:
- If certain text information is not recorded on a CD TEXT disc, "NO ~" (e.g. "NO Track Title") is displayed.

Title Scroll

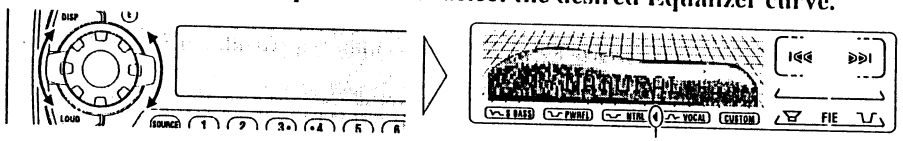
This product displays the first 16 letters only of Disc Title, Artist Name and Track Title. With text longer than 16 letters, you can see the rest of the text by scrolling.

- **Scroll the title display by pressing the DISPLAY button for 2 seconds.**

Selecting the Equalizer Curve

You can switch between Equalizer curves.

- **Rotate the EQ selector up or down to select the desired Equalizer curve.**



" ◖ "

POWERFUL ↔ NATURAL ↔ VOCAL ↔ CUSTOM ↔ FLAT ↔ SUPER BASS

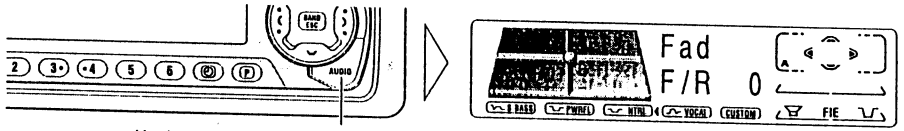
Note:
- "CUSTOM" stores an equalizer curve you have made adjustments to. (Refer to "Equalizer Curve Adjustment" on page 29 and "Equalizer Curve Fine Adjustment" on page 30.)
- You can create different "CUSTOM" curves for different sources. (The Built-in CD player and Multi-CD player are set to the same Equalizer Curve Adjustment setting automatically. External Unit 1 and External Unit 2 are set to the same Equalizer Curve Adjustment setting automatically.)

Entering the Audio Menu

With this Menu, you can adjust the sound quality.

Note:
- After entering the Audio Menu, if you do not perform an operation within about 30 seconds, the Audio Menu is automatically canceled.
- Audio Menu functions change depending on the Rear Speaker Lead and Subwoofer Controller setting in the Initial Setting Menu. (Refer to "Setting the Rear Speaker Lead and Subwoofer Controller" on page 40.)

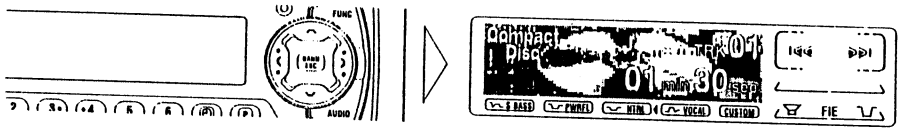
1. **Select the desired mode in the Audio Menu.**



Each press changes the Mode ...

2. **Operate a mode.**

3. **Cancel the Audio Menu.**



Audio Menu Functions

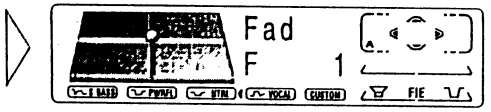
The Audio Menu features the following functions.

Balance Adjustment (Fad)

This function allows you to select a Fader/Balance setting that provides ideal listening conditions in all occupied seats.

1. **Press the AUDIO button and select the Fader/Balance mode (Fad) in the Audio Menu.**

2. **Adjust front/rear speaker balance with the ▲/▼ buttons.**
   "Fad F 15" – "Fad R 15" is displayed as it moves from front to rear.



3. **Adjust left/right speaker balance with the ◄/► buttons.**
   "Bal L 9" – "Bal R 9" is displayed as it moves from left to right.

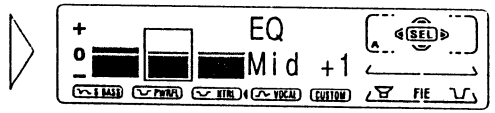
Note:
- When the Rear Speaker Lead setting is "Rear SP:S.W", you cannot adjust front/rear speaker balance. (Refer to page 40.)
- "Fad F/R 0" is the proper setting when 2 speakers are in use.

Equalizer Curve Adjustment (EQ-Low/Mid/High)

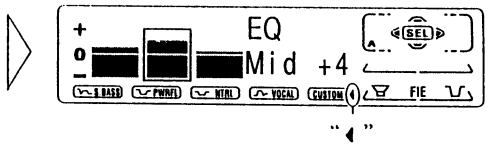
You can adjust the currently selected equalizer curve settings as desired. Adjusted equalizer curve settings are memorized in "CUSTOM".

1. **Press the AUDIO button and select the Equalizer mode (EQ-Low/Mid/High) in the Audio Menu.**

2. **Select the band you want to adjust with the ◄/► buttons.**
   EQ-Low ↔ EQ-Mid ↔ EQ-High



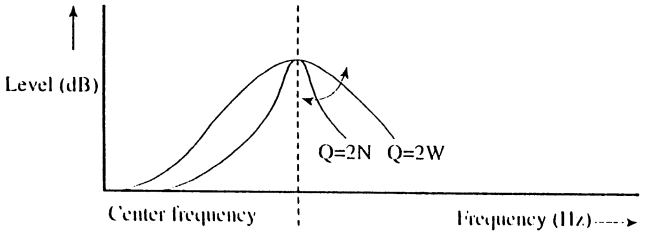
3. **Boost or attenuate the selected band with the ▲/▼ buttons.**
   The display shows "+6" – "–6".



Note:
- If you make adjustments when a curve other than "CUSTOM" is selected, the newly adjusted curve will replace the previous adjusted curve. Then a new curve with "CUSTOM" appears on the display while selecting the equalizer curve. (Refer to page 28.)

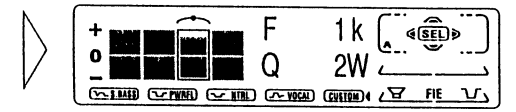
Equalizer Curve Fine Adjustment

You can adjust the center frequency and the Q factor (curve characteristics) of each currently selected curve band (EQ-Low/Mid/High). Adjusted equalizer curve settings are memorized in "CUSTOM".

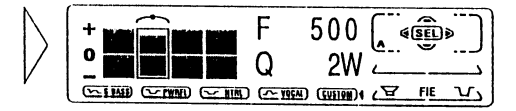


1. **Press the AUDIO button for 2 seconds to select Equalizer Curve Fine Adjustment.**

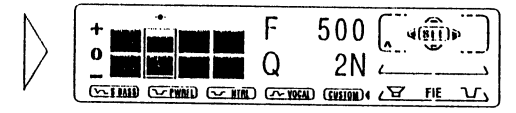
2. **Press the AUDIO button to select the desired band for adjustment.**



3. **Select the desired frequency with the ◄/► buttons.**
   Low: 40 ↔ 80 ↔ 100 ↔ 160 (Hz)
   Mid: 200 ↔ 500 ↔ 1k ↔ 2k (Hz)
   High: 3.15k ↔ 8k ↔ 10k ↔ 12.5k (Hz)



4. **Select the desired Q factor with the ▲/▼ buttons.**
   2N ↔ 1N ↔ 1W ↔ 2W



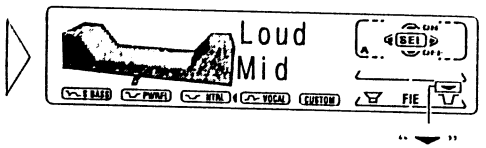
Note:
- If you make adjustments when a curve other than "CUSTOM" is selected, the newly adjusted curve will replace the previous adjusted curve. Then a new curve with "CUSTOM" appears on the display while selecting the equalizer curve. (Refer to page 28.)

Loudness Adjustment (Loud)

The Loudness function compensates for deficiencies in the low and high sound ranges at low volume. You can select a desired Loudness level.

1. **Press the AUDIO button and select the Loudness mode (Loud) in the Audio Menu.**

2. **Switch the Loudness function ON/OFF with the ▲/▼ buttons.**



3. **Select the desired level with the ◄/► buttons.**
   Low ⟷ Mid ⟷ High

Note:
- You can also switch the Loudness function ON/OFF by pressing the LOUD button. However, you cannot change the level.

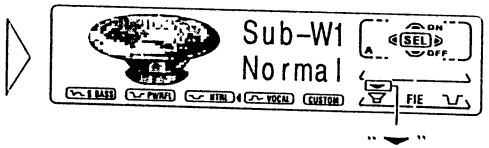
Subwoofer Output (Sub-W1)

When a Subwoofer is connected, switch Subwoofer output ON.
Initially, Subwoofer output is OFF.
The Subwoofer output phase can be switched between normal, or 0° ("Normal"), and reverse, or 180°("Rev."). 0° is the default phase.

Note:
- When the Subwoofer Controller setting is "S.W Control:EXT", you cannot switch the Subwoofer ON/OFF mode. In this case, this setting is not necessary. (Refer to page 40.)
- Select the OFF setting when you do not want the Subwoofer to operate.

1. **Press the AUDIO button and select the Subwoofer ON/OFF mode (Sub-W1) in the Audio Menu.**

2. **Switch the Subwoofer output ON/OFF with the ▲/▼ buttons.**



Note:
- When the Subwoofer output is OFF, you cannot change the phase of Subwoofer output.

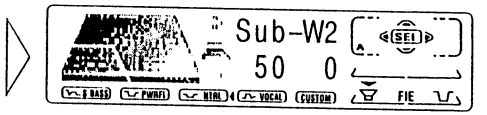
3. **Change the phase of Subwoofer output with the ◄/► buttons.**

Subwoofer Setting Adjustment (Sub-W2)

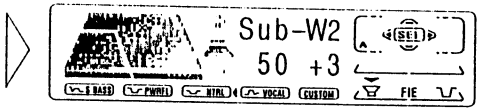
When the Subwoofer output is ON, you can adjust the cut-off frequency and the output level of Subwoofer.

1. **Press the AUDIO button and select the Subwoofer setting mode (Sub-W2) in the Audio Menu.**

2. **Select the frequency to 50 Hz, 80 Hz or 125 Hz with the ◄/► buttons.**



3. **Increase or decrease the output level with the ▲/▼ buttons.**
   The display shows "+ 6" – "– 6".



Note:
- You can select the Subwoofer setting mode only when Subwoofer output is switched ON in the Subwoofer ON/OFF mode.

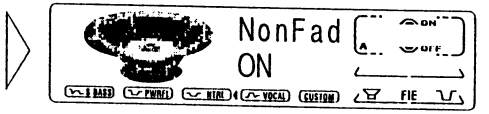
Non Fading Output (NonFad)

When the Non Fading Output setting is ON, the audio signal does not pass through this unit's low pass filter (for the Subwoofer), but is output through the RCA output.

Note:
- When the Subwoofer Controller setting is only "S.W Control:EXT", you can switch the Non Fading Output ON/OFF mode. (Refer to page 40.)

1. **Press the AUDIO button and select the Non Fading Output ON/OFF mode (NonFad) in the Audio Menu.**

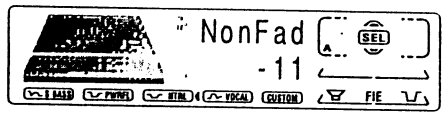
2. **Switch the Non Fading output ON/OFF with the ▲/▼ buttons.**



Non Fading Output Level Adjustment (NonFad)

When the Non Fading output is ON, you can adjust the level of Non Fading output.

1. **Press the AUDIO button and select the Non Fading Output setting mode (NonFad) in the Audio Menu.**
2. **Increase or decrease the output level with the ▲/▼ buttons.**
   The display shows "0" – "–15".

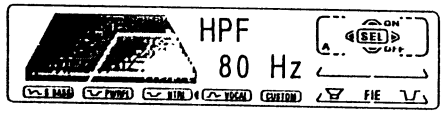


Note:
- You can select the Non Fading Output setting mode only when Non Fading output is switched ON in the Non Fading Output ON/OFF mode.

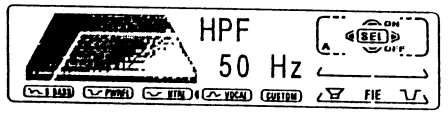
High Pass Filter (HPF)

When you do not want sound in the Subwoofer output frequency range output from the front or rear speakers, switch the High Pass Filter ON. Only higher frequencies than those in the selected range are output from the front and rear speakers.

1. **Press the AUDIO button and select the H.P.F. mode (HPF) in the Audio Menu.**
2. **Switch the H.P.F. function ON/OFF with the ▲/▼ buttons.**



3. **Select the desired frequency with the ◄/► buttons.**
   50 ⟷ 80 ⟷ 125 (Hz)



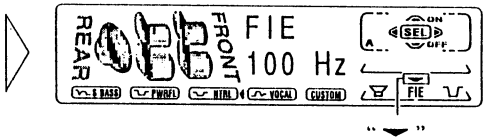
Note:
- When the F.I.E. function is ON, you cannot switch to the H.P.F. mode.

Front Image Enhancer Function (FIE)

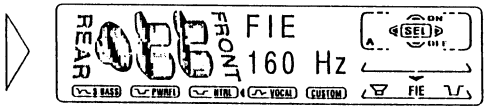
The F.I.E. (Front Image Enhancer) function is a simple method of enhancing front imaging by cutting mid- and high-range frequency output from the rear speakers, limiting their output to low-range frequencies. You can select the frequency you want to cut.

Precaution:
- When the F.I.E. function is deactivated, the rear speakers output sound of all frequencies, not just bass sounds. Reduce the volume before disengaging F.I.E. to prevent a sudden increase in volume.

1. **Press the AUDIO button and select the F.I.E. mode (FIE) in the Audio Menu.**
2. **Switch the F.I.E. function ON/OFF with the ▲/▼ buttons.**



3. **Select the desired frequency with the ◄/► buttons.**
   100 ⟷ 160 ⟷ 250 (Hz)



Note:
- When the H.P.F. function is ON, you cannot switch to the F.I.E. mode.
- After switching the F.I.E. function ON, select the Fader/Balance mode in the Audio Menu, and adjust front and rear speaker volume levels until they are balanced.
- When the Rear Speaker Lead setting is "Rear SP:S.W", you cannot switch the F.I.E. mode. (Refer to page 40.)
- Switch the F.I.E. function OFF when using a 2-speaker system.

ENGLISH

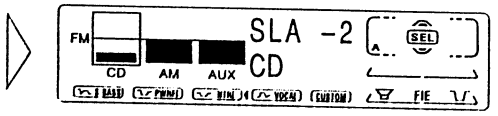
Source Level Adjustment (SLA)

The SLA (Source Level Adjustment) function prevents radical leaps in volume level when switching between sources. Settings are based on the FM volume level, which remains unchanged.

1. **Compare the FM volume with the volume of the other source. (e.g. Built-in CD player.)**

2. **Press the AUDIO button and select the SLA mode (SLA) in the Audio Menu.**

3. **Increase or decrease the level with the ▲/▼ buttons.**
   The display shows "+4" – "–4".



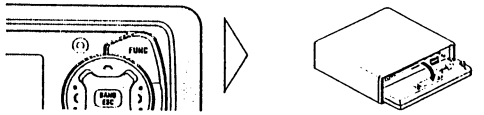
Note:
- Since the FM volume is the control, SLA is not possible in the FM modes.
- The AM volume level, which is different from the FM base setting volume level, can also be adjusted similar to sources other than tuner.
- The Built-in CD player and Multi-CD player are set to the same volume adjustment setting automatically.
- External Unit 1 and External Unit 2 are set to the same volume adjustment setting automatically.

Theft Protection

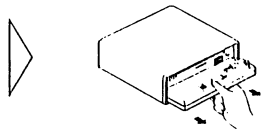
The front panel of the head unit is detachable to discourage theft.
- Keep the front panel closed while driving.

Detaching the Front Panel

1. **Open the front panel.**



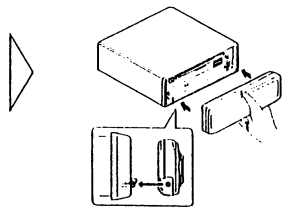
2. **Grip and pull the front panel gently outward.**
   Take care not to grip it tightly or drop it.



3. **Use the protective case provided to store/carry the detached front panel.**

Replacing the Front Panel

- **Replace the front panel by holding it upright to this product and clipping it securely into the mounting hooks.**



Precaution:
- Never use force or grip the display tightly when removing or replacing the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

Warning Tone

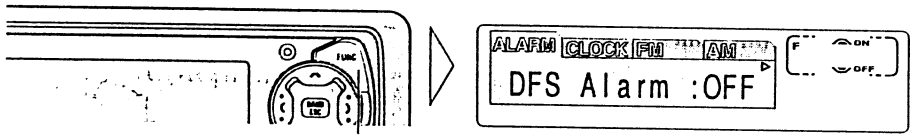
If the front panel is not detached within 5 seconds after the ignition is turned off, a warning tone will sound.

Note:
- You can cancel the warning tone function. (Refer to page 39.)

Entering the Initial Setting Menu

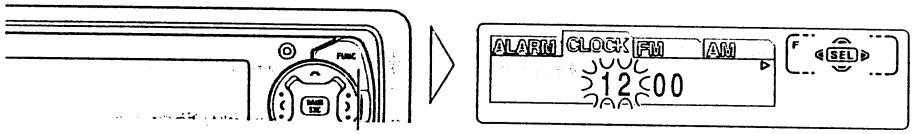
With this menu, you can perform initial settings for this product.

1. **Turn the source OFF.**
2. **Enter the Initial Setting Menu.**



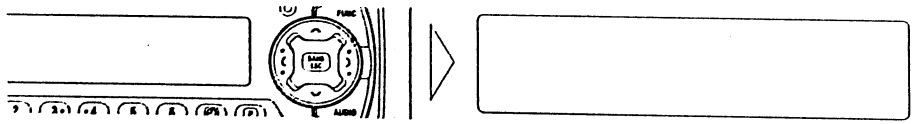
Hold for 2 seconds

3. **Select a desired mode.**



Each press changes the Mode ...

4. **Operate a mode.**
5. **Cancel the Initial Setting Menu.**



Note:

- **"ALARM" is a new feature of the "Detachable Face Security Alarm". Refer to "DFS Alarm Function" for details and instructions on how to use this function.**
- Holding down the FUNCTION button for 2 seconds also cancels the Initial Setting Menu.

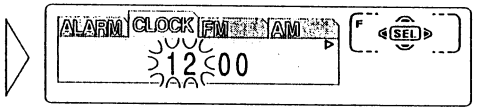
Initial Setting Menu Functions

The Initial Setting Menu features the following functions.

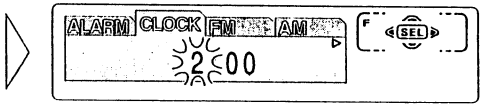
Setting the Time (CLOCK)

This is the mode for setting the time on the unit's clock display. (Refer to page 47 for details concerning the clock display.)

1. **Press the FUNCTION button and select the Time setting mode (CLOCK) in the Initial Setting Menu.**
2. **Select "Hour" or "Minute" with the ◄/► buttons.**



3. **Set as desired time with the ▲/▼ buttons.**

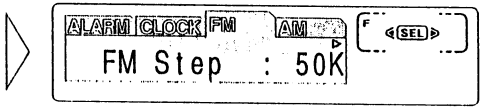


As soon as you switch to "Minute", the seconds start counting from 00.

Setting the FM Tuning Step (FM)

The tuning step employed by Seek Tuning in the FM mode can be switched between 100 kHz (preset at the factory) and 50 kHz.

1. **Press the FUNCTION button and select the FM Tuning Step mode (FM) in the Initial Setting Menu.**
2. **Select the desired tuning step with the ◄/► buttons.**



Note:

- If Seek Tuning is performed in 50 kHz steps, stations may be tuned in imprecisely. Tune in the stations with Manual Tuning or use Seek Tuning again.

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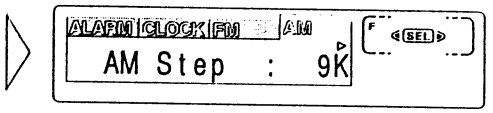
Setting the AM Tuning Step (AM)

The tuning step employed in the tuner's AM band can be switched between 9 kHz and 10 kHz per step. Reset the tuning step from 9 kHz (the factory preset step) to 10 kHz when using the tuner in North, Central or South America.

Specifications	Initial Setting	New Setting
Tuning Steps	9 kHz	10 kHz
Frequency range	531 – 1,602 kHz	530 – 1,710 kHz

1. **Press the FUNCTION button and select the AM Tuning Step mode (AM) in the Initial Setting Menu.**

2. **Select the desired tuning step with the ◄/► buttons.**

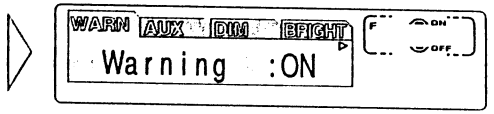


Setting the Warning Tone (WARN)

You can switch the Warning Tone function ON/OFF. (Refer to "Warning Tone" on page 36.)

1. **Press the FUNCTION button and select the Warning Tone mode (WARN) in the Initial Setting Menu.**

2. **Switch the Warning Tone ON/OFF with the ▲/▼ buttons.**

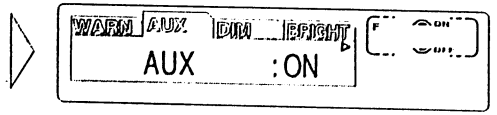


Switching the AUX Mode (AUX)

It is possible to use auxiliary (AUX) equipment with this product.
Activate the AUX mode when using external equipment with this product.

1. **Press the FUNCTION button and select the AUX Setting mode (AUX) in the Initial Setting Menu.**

2. **Switch the AUX Setting ON/OFF with the ▲/▼ buttons.**

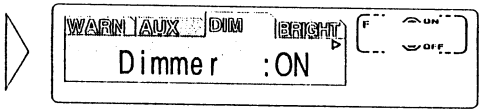


Setting the Dimmer (DIM)

To enable this product's display from being too bright at night, when the vehicle's head lights are turned ON the display is dimmed.
You can switch this function ON/OFF.

1. **Press the FUNCTION button and select the Dimmer mode (DIM) in the Initial Setting Menu.**

2. **Switch the Dimmer ON/OFF with the ▲/▼ buttons.**

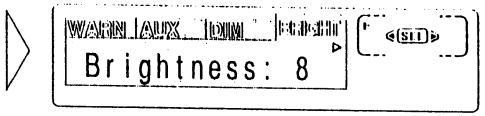


Selecting the Brightness (BRIGHT)

You can select the display brightness. Initially this mode is set to 12. The display shows "0" – "15".

1. **Press the FUNCTION button and select the Brightness mode (BRIGHT) in the Initial Setting Menu.**

2. **Select the desired Brightness with the ◄/► buttons.**



Setting the Rear Speaker Lead and Subwoofer Controller (SW)

This product's rear speaker leads can be used for full-range speaker ("Rear SP:FULL") or Subwoofer ("Rear SP:S.W") connection. If you switch Rear Speaker Lead setting to the "Rear SP:S.W", you can connect a rear speaker lead directly to a Subwoofer without using an auxiliary amp.
Initially, the unit is set for rear full-range speaker connection ("Rear SP:FULL").
When rear speaker leads are connected to full range speakers (when "Rear SP:FULL" is selected), you can connect the RCA Subwoofer output to a Subwoofer. In this case, you can select whether to use the Subwoofer controller's (Low Pass Filter, Phase) built-in "S.W Control:INT" or the auxiliary "S.W Control:EXT".

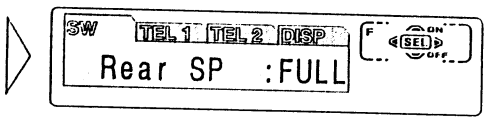
Note:

- Even if you change this setting, there is no output unless you switch the Non Fading Output (refer to page 32) or Subwoofer Output (refer to page 31) in the Audio Menu ON.
- If you change the Subwoofer Controller, Subwoofer output and Non Fading output in the Audio Menu return to the factory settings.

Continued overleaf.

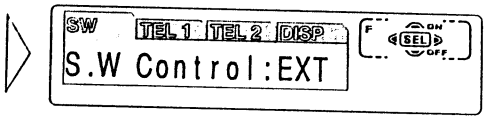
1. **Press the FUNCTION button and select the Rear Speaker Lead and Subwoofer Controller setting mode (SW) in the Initial Setting Menu.**

2. **Change the Rear Speaker Lead setting with the ▲/▼ buttons.**



Note:
- When no Subwoofer is connected to the rear speaker lead, select "Rear SP:FULL".
- When a Subwoofer is connected to the rear speaker lead, set for Subwoofer "Rear SP:S.W".
- When the Rear Speaker Lead setting is "Rear SP:S.W", you cannot change the Subwoofer controller.

3. **Change the Subwoofer Controller with the ◄/► buttons.**

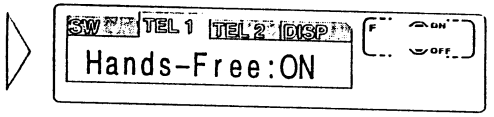


Switching the Muting or Handsfree Telephoning (TEL 1)

You can switch the Cellular Telephone Muting ON/OFF in accordance with the connection of the cellular telephone you use.
When using the Handsfree Telephone unit (sold separately), select "Hands-Free:ON".

1. **Press the FUNCTION button and select the Cellular Telephone Muting mode (TEL 1) in the Initial Setting Menu.**

2. **Switch the Cellular Telephone Muting ON/OFF with the ▲/▼ buttons.**



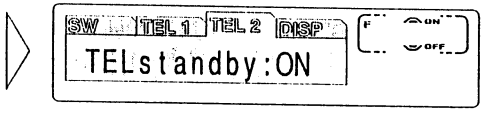
Note:
- When "Hands-Free:OFF" is selected, Cellular Telephone Muting mode is activated. (Refer to page 50.)

Switching the Telephone Standby (TEL 2)

If you want to use the Handsfree Telephone unit without playing other sources of this product, activate the Telephone Standby mode.

1. **Press the FUNCTION button and select the Telephone Standby mode (TEL 2) in the Initial Setting Menu.**

2. **Switch the Telephone Standby ON/OFF with the ▲/▼ buttons.**



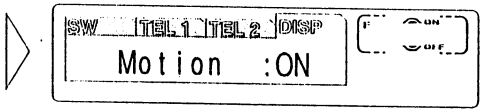
Note:
- You can select the Telephone Standby mode when "Hands-Free:ON" is selected in the Cellular Telephone Muting mode.

Switching the Motion Screen (DISP)

You can switch ON/OFF the background display during a source play.
When OFF is selected, the background display disappears after the opening screen is displayed.

1. **Press the FUNCTION button and select the Motion Screen mode (DISP) in the Initial Setting Menu.**

2. **Switch the Motion Screen ON/OFF with the ▲/▼ buttons.**

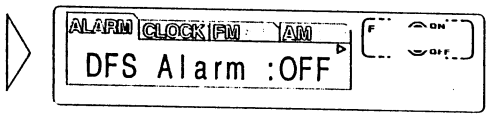


In addition to the Detachable Face Security, Pioneer has incorporated a new feature **"Detachable Face Security Alarm"**. This feature is designed to protect your new Pioneer car stereo as well as your vehicle contents.

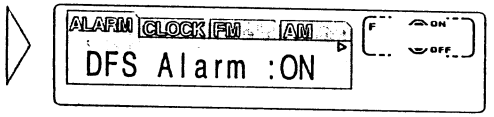
Activating the DFS Alarm Feature (ALARM)

Pioneer has developed a menu display that allows you to set-up your DFS Alarm to meet your personal needs. By scrolling through this menu it is possible to select your own "Entry Delay Time", "Speaker Output Volume" and "Door System Type".
Initially from the factory the DFS Alarm feature is not activated.

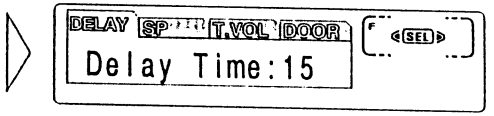
1. **Select the DFS Alarm Feature ON/OFF mode (ALARM) in the Initial Setting Menu.** **(Refer to page 37.)**



2. **Press the ▲ button to switch the DFS Alarm Feature ON.**
   Press the ▼ button to deactivate the DFS Alarm Feature.



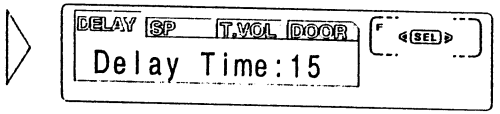
3. **Press the FUNCTION button for 2 seconds to enter the DFS Alarm Setting Menu.**



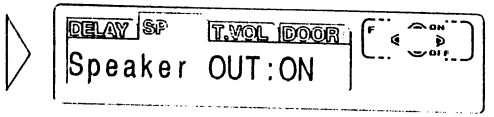
Setting Entry Delay Time (DELAY)

Initially the "Entry Delay Time" is set to 15 seconds. The "Entry Delay Time" can be adjusted to be 0, 5, 15, 30, 45 or 60 seconds.

1. **Decrease or increase the "Entry Delay Time" with the ◄/► buttons.**



2. **Press the FUNCTION button to move to the next selection.**



Activating Internal Speaker ON/OFF (SP)

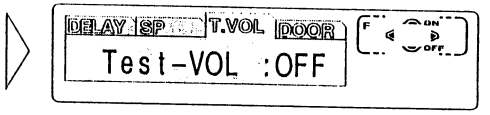
This feature allows you to select whether or not the speaker output is sounded when the "DFS Alarm" is triggered. Initially from the factory the speaker output is activated. Toggling between ▲, ▼ buttons allows you to deactivate or activate the "Internal Speaker". If you switch the speaker output OFF, you can not change the "TEST MODE".

Speaker Volume Output Adjustment (T.VOL)

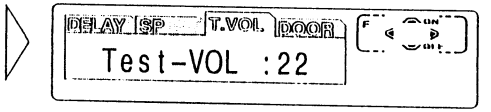
If the "Internal Speaker Output" has been selected then it is possible to adjust the volume of the speaker output for when the Alarm is triggered. To adjust the volume you must engage the "TEST MODE".

Note:
- If the "Internal Speaker Output" is selected, then this menu will not appear.

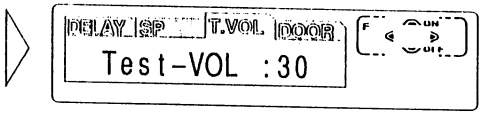
1. **Select the "TEST MODE" with the ► button.**



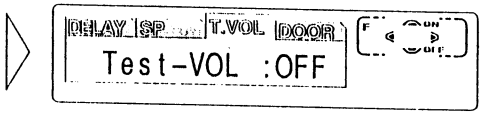
2. **Press the ▲ button to switch the "TEST MODE" ON.**
   In this mode the speakers will sound.



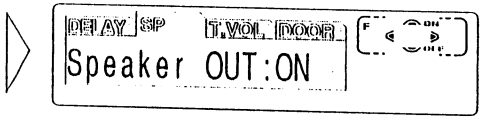
3. **Decrease or increase the volume with the VOLUME.**
   Display shows 22 – 62.



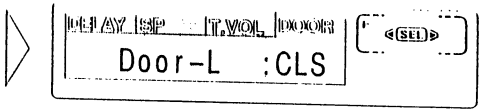
4. **After setting volume, switch the "TEST MODE" OFF with the ▼ button.**



5. **Cancel the "TEST MODE" with the ◄ button.**



6. **Press the FUNCTION button to move to the next selection.**



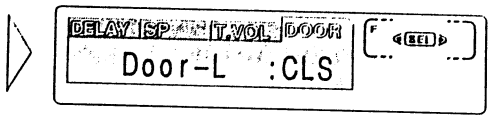
Selecting Door Switching Systems (DOOR)

It is necessary to select the correct "Door System Type" (Negative or Positive switching) for that of your vehicle. Initially, the system is set for vehicles with the grounding type (Negative switching).
Select the correct "Door System Type" of your vehicle from below.

■ **Vehicles to select "Door-L :CLS"**
GM, CHRYSLER, JAPANESE, EUROPEAN

■ **Vehicles to select "Door-H :CLS"**
FORD, JAGUAR, MERCEDES*, etc.
* Some Models Only.

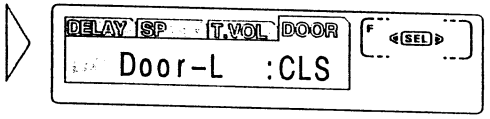
- **Select "Door-L :CLS" or "Door-H :CLS" with the ◄/► buttons.**



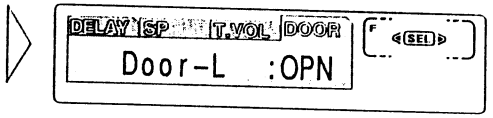
Door System Confirmation

The door system confirmation feature was incorporated to ensure that the correct door system type has been selected. (e.g. Set to "Door-L :CLS" for GM vehicles.)

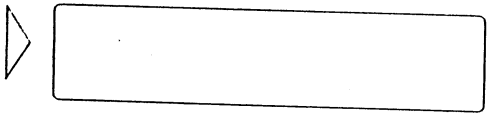
1. **First, close all the vehicle's doors. If the correct door system type has been selected then the Display will show "Door-L :CLS".**
   If not, select the alternative door system type by pressing the ◄ or ► button. Lastly, confirm each door triggers the Alarm by opening and closing each door.



2. **As the door is opened the display should change accordingly ("Door-L :CLS" – "Door-L :OPN").**



3. **Press the BAND button and cancel the DFS Alarm Setting Menu.**
   Setting of the "DFS Alarm" is now complete.



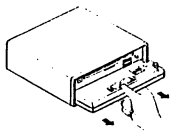
Note:
- In case that the battery is disconnected, it may be necessary to reprogram the DFS Alarm Menu, otherwise this setting needs to be done only once.

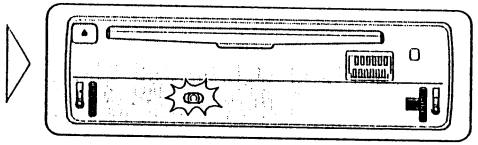
Operation of "DFS Alarm"

Providing the installation and setting of the "DFS Alarm Setting Menu" has been performed correctly, operation of the "DFS Alarm" is very simple.

Arming Alarm

To arm your Alarm simply turn off the ignition and detach the front panel, as described on page 36. After detaching the front panel the "DFS Alarm" will automatically arm itself after 30 seconds, providing all of the doors are closed. If after 30 seconds, a door still remains open the DFS Alarm will not arm until the last door has been closed. After closing all of the doors, ensure that they are securely locked. The LED indicator on the head unit will flash as a visual deterrent. Your vehicle is now protected by your "DFS Alarm".





Disarming Alarm

Upon entering your vehicle, and within the "Entry Delay Time" set within the "DFS Alarm Menu", attach your Pioneer Detachable Face as described on page 36.
If you have forgotten your Detachable Face, simply insert the ignition key in the ignition and turn the key from "OFF" to "ON" within the "Entry Delay Time."

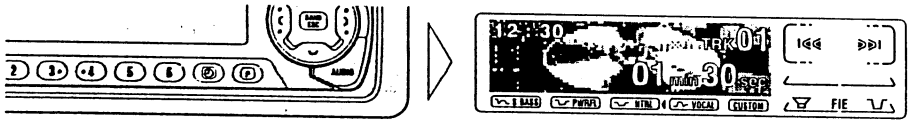
Entry Detection

If the "DFS Alarm" was not disarmed in accordance with "Disarming Alarm," the "DFS Alarm" will be triggered. The "DFS Alarm" will sound for 60 seconds and will repeat 5 times if any door is left open or reopened. After the fifth time the "DFS Alarm" will reset to prevent continuous sounding and prevent your battery from discharging.

Precaution:
- Upon returning to your vehicle and before opening any doors, check to see if the LED indicator is still flashing. If the LED is no longer flashing, it indicates that the Alarm has sounded. Disarming, as described above, is still necessary.

Displaying the Time

- **To turn the time display ON.**



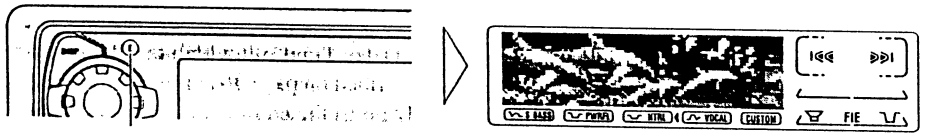
The time display disappears temporarily when you perform another operation, but the time indication returns to the display after 25 seconds.

Note:
- Even when the sources and the Feature Demo are OFF, the Time appears on the display. Pressing the CLOCK button switches the Time display ON/OFF.

Switching the Entertainment Display

You can change the display to the movie screens, etc. while listening to each source. (e.g. MOVIE SCREEN MODE 1)

- **Select the desired Entertainment Display.**



Each press changes the Display ...

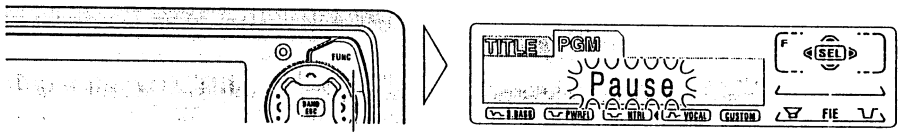
Each press of the ENTERTAINMENT button changes the display in the following order:
SPECTRUM ANALYZER MODE 1 → SPECTRUM ANALYZER MODE 2
→ MOVIE SCREEN MODE 1 → MOVIE SCREEN MODE 2
→ Display before entering the Entertainment Display

Using the PGM Button (PGM)

The PGM button can memorize one of the functions in the Function Menu.
It is possible to memorize a different function for each source.

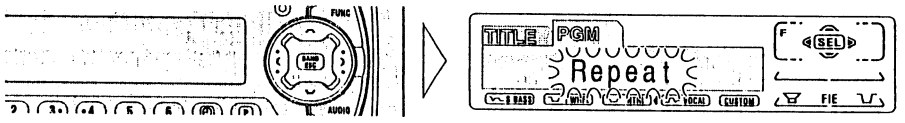
Setting the PGM Button

1. **Select the PGM button's setting mode (PGM) in the Detailed Setting Menu. (Refer to page 15.)**

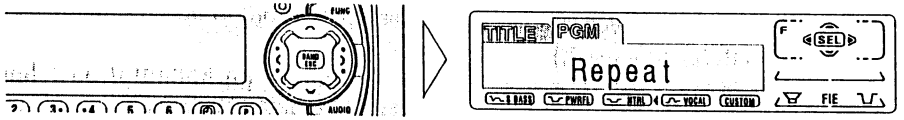


Hold for 2 seconds

2. **Select the function you want to memorize in the PGM button.**



3. **Memorize the function in the PGM button.**

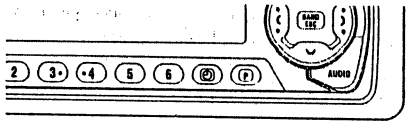


Pressing the BAND button cancels the Detailed Setting Menu.

Using the PGM Button

The PGM button operates in a different way depending on the function programmed (memorized).

- **Use the PGM button.**



■ **Tuner**

Function Name (Display)	Press	Hold for 2 seconds
Best Stations Memory (BSM)	OFF	ON
Local Seek Tuning (Local)	ON/OFF	Entering the Local Seek Sensitivity mode

■ Built-in CD Player

Function Name (Display)	Press	Hold for 2 seconds
Pause (Pause)	ON/OFF	——
Repeat Play (Repeat)	ON/OFF	——
Random Play (Random)	ON/OFF	——

■ Multi-CD Player

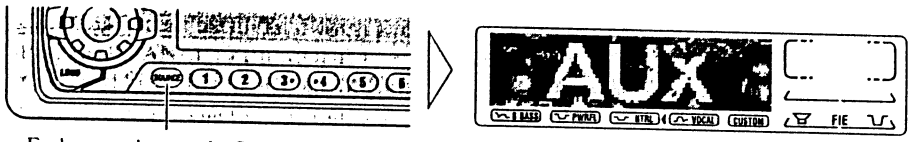
Function Name (Display)	Press	Hold for 2 seconds
Pause (Pause)	ON/OFF	——
Repeat Play (Repeat)	Selecting the play range	——
Random Play (Random)	ON/OFF	——
Disc Title List (List)	Enter the LIST mode	——
ITS (ITS)	ITS Programming	ITS Play ON/OFF

Using the AUX Source

It is possible to use auxiliary (AUX) equipment with this product.
To listen to auxiliary equipment, switch the AUX mode in the Initial Setting Menu ON, and then select the desired source.

Selecting the AUX Source

- **Select AUX. (Refer to page 7.)**

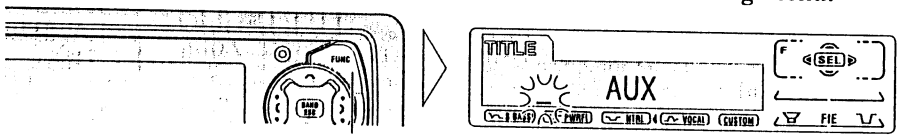


Each press changes the Source ...

AUX Title Input (TITLE)

The display title for AUX source can be changed.

1. **Select the AUX Title Input mode (TITLE) in the Detailed Setting Menu.**



Hold for 2 seconds

2. **Input the AUX Title.**

Refer to "Disc Title Input" on page 24, and perform procedures 3 to 6 in the same way.

Using the Telephone Muting and Handsfree Telephoning Function

Telephone Muting Function

Sound from this system is muted automatically when a call is made or received using a cellular telephone connected to this product.

When "Hands-Free:OFF" in the TEL 1 mode is selected in the Initial Setting Menu, Cellular Telephone Muting mode is activated. (Refer to page 41.)

- The sound is turned off, "MUTE" is displayed and no audio adjustment is possible.
- Operation returns to normal when the phone connection is ended.

Handsfree Telephoning Function

When a call is received or made using a handsfree telephone unit, sound from this system is muted automatically and the voice of the person you talk to come from the speakers.

When "Hands-Free:ON" in the TEL 1 mode is selected in the Initial Setting Menu, Handsfree Telephoning mode is activated. (Refer to page 41.)

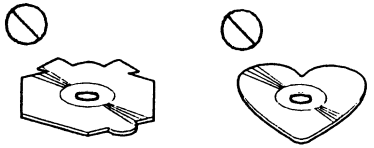
Note:

- When a call is made or received, no source change is possible.
- When a call is made or received, only two adjustments (Volume and Fader/Balance) are possible.
- Operation returns to normal when the phone connection is ended.
- Telephone standby can be selected as a source when "TELstandby:ON" in the TEL 2 mode is selected in the Initial Setting Menu. (Refer to page 7.)

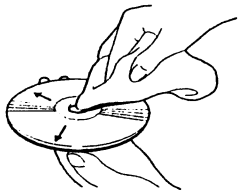
Precaution

- Play only CDs bearing the Compact Disc Digital Audio mark. (If a CD features the top right mark on its disc title side, that disc is a CD TEXT disc. There are also some CD TEXT discs that do not feature the top right mark.)

- This product is designed for use with conventional, fully circular CDs only. Use of shaped CDs are not recommended for this product.



- Check all CDs before playing and discard cracked, scratched or warped discs.
- Playback by this product of a CD-R disc recorded on a CD recorder may not be possible due to characteristics of the disc, scratches or dirt on the disc, or dirt or condensation on this product's optical pickup lens.
- Read the precautions with the CD-R discs before using.



- Wipe dirty or damp discs outward from the center with a soft cloth.
- Avoid touching the recorded (iridescent) surface when handling discs.
- Store discs in their cases when not in use.
- Keep discs out of direct sunlight and high temperatures.
- Do not affix labels or apply chemicals to discs.
- Condensation may collect inside the player when using the heater in cold weather, interfering with playback. Turn it off for an hour or so and wipe damp discs with a soft cloth.
- Road shocks may interrupt CD playback.

Built-in CD Player's Error Message

When problems occur with CD playback, an error message appears on the display. Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, contact your dealer or your nearest PIONEER Service Center.

Message	Possible cause	Recommended action
ERROR- 11, 12, 17, 30	Dirty disc.	Clean the disc.
ERROR- 11, 12, 17, 30	Scratched disc.	Replace the disc.
ERROR- 14	Unrecorded CD.	Check the disc.
ERROR- 10, 11,12, 14, 17, 30, A0	Electrical or mechanical problem.	Turn the ignition ON and OFF, or switch to a different source, then back to the CD player.
HEAT	CD player overheating.	Discontinue play until the machine temperature drops.

General

Power source ..... 14.4 V DC (10.8 – 15.1 V allowable)
Grounding system ..... Negative type
Max. current consumption ..... 10.0 A
Dimensions
(DIN) (chassis) ..... 178 (W) × 50 (H) × 157 (D) mm
(nose) ..... 188 (W) × 58 (H) × 19 (D) mm
(D) (chassis) ..... 178 (W) × 50 (H) × 162 (D) mm
(nose) ..... 170 (W) × 46 (H) × 14 (D) mm
Weight ..... 1.6 kg

Amplifier

Continuous power output is 22 W per channel min. into 4 ohms, both channels driven 50 to 15,000 Hz with no more than 5% THD.
Maximum power output ..... 45 W × 4
45 W × 2 ch/4 Ω + 70 W × 1 ch/2 Ω (for Subwoofer)
Load impedance
..... 4 Ω (4 – 8 Ω [2 Ω for 1 ch] allowable)
Preout maximum output level/
output impedance ..... 4.0 V/100 Ω
Equalizer (3-Band Parametric Equalizer)
(Low) ..... Frequency: 40/80/100/160 Hz
Q Factor: 0.35/0.59/0.95/1.15
(+6 dB when boosted)
Level: ±12 dB
(Mid) ..... Frequency: 200/500/1k/2k Hz
Q Factor: 0.35/0.59/0.95/1.15
(+6 dB when boosted)
Level: ±12 dB
(High) ..... Frequency: 3.15k/8k/10k/12.5k Hz
Q Factor: 0.35/0.59/0.95/1.15
(+6 dB when boosted)
Level: ±12 dB
Loudness contour
(Low) .....+3.5 dB (100 Hz), +3 dB (10 kHz)
(Mid) .....+10 dB (100 Hz), +6.5 dB (10 kHz)
(High) .....+11 dB (100 Hz), +11 dB (10 kHz)
(volume: –30 dB)
HPF
Frequency ..... 50/80/125 Hz
Slope ..... –12 dB/oct.
Subwoofer output
Frequency ..... 50/80/125 Hz
Slope ..... –18 dB/oct.
Level ..... ±12 dB

CD player

System ..... Compact disc audio system
Usable discs ..... Compact disc
Signal format ..... Sampling frequency: 44.1 kHz
Number of quantization bits: 16; linear
Frequency characteristics ..... 5 – 20,000 Hz (±1 dB)
Signal-to-noise ratio ..... 94 dB (1 kHz) (IEC-A network)
Dynamic range ..... 92 dB (1 kHz)
Number of channels ..... 2 (stereo)

FM tuner

Frequency range ..... 87.5 — 108 MHz
Usable sensitivity ..... 10 dBf
(0.9 µV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity ..... 15 dBf
(1.5 µV/75 Ω, mono)
Signal-to-noise ratio ..... 70 dB (IEC-A network)
Distortion ..... 0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response ..... 30 – 15,000 Hz (±3 dB)
Stereo separation ..... 40 dB (at 65 dBf, 1 kHz)

AM tuner

Frequency range ..... 531 – 1,602 kHz (9 kHz)
530 – 1,710 kHz (10 kHz)
Usable sensitivity ..... 18 µV (S/N: 20 dB)
Selectivity ..... 50 dB (±9 kHz)
50 dB (±10 kHz)

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.